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Title: LANL & UCLA Publication Collaboration, 2009-2018.

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LANL & UCLA Publication Collaboration, 2009-2018

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Melanie McKinley
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Valida Dushdurova
SRO-CP**

May 7, 2020



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Co-authored Publications, 2009 to 2018

Collaboration with the University of California at Los Angeles

Year range: 2009 to 2018

Export Shortcuts

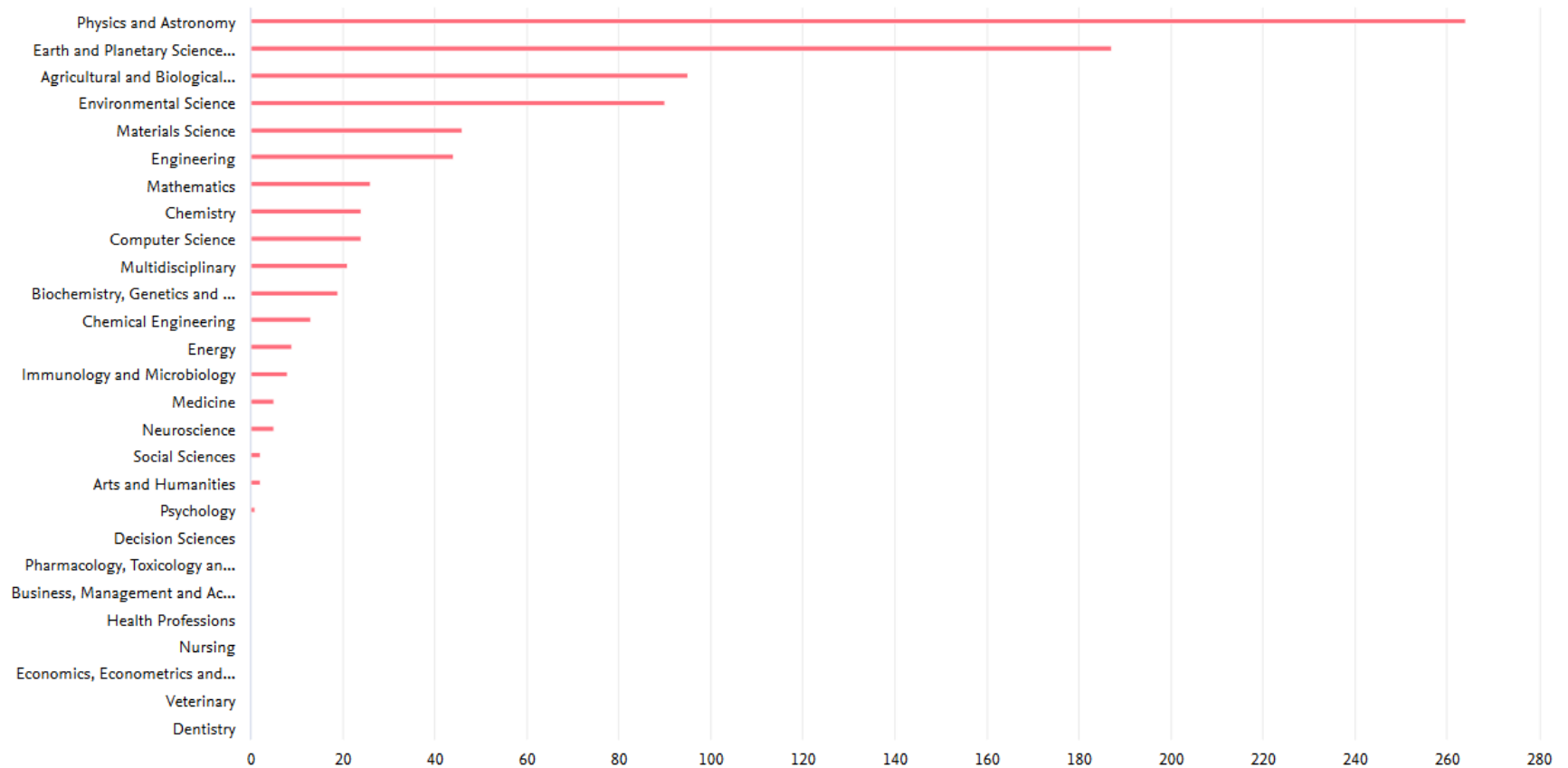
Overview Current co-authors Potential co-authors

+ Add to Reporting

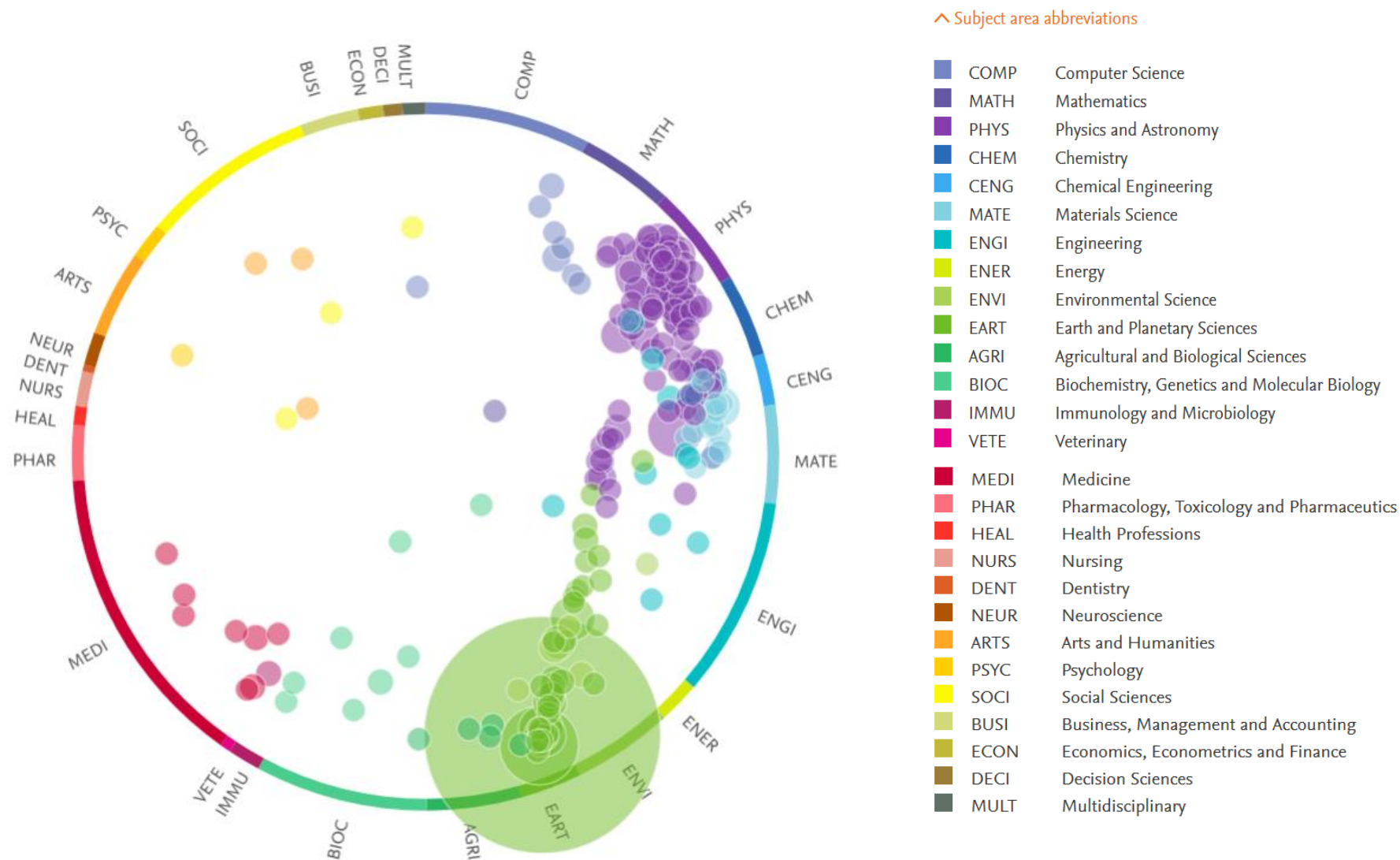
| | Los Alamos National Laboratory | Co-authored | University of California at Los Angeles |
|-----------------------------|--|---|---|
| | <div>429▲</div> <div>co-authors with the University of California at Los Angeles</div> | <div>504▲</div> <div>publications</div> | <div>433▲</div> <div>co-authors with Los Alamos National Laboratory</div> |
| | <div>1.70</div> <div>Field-Weighted Citation Impact</div> | <div>2.68</div> <div>Field-Weighted Citation Impact</div> | <div>2.18</div> <div>Field-Weighted Citation Impact</div> |
| Authors | 7,513▲ | – | 47,061▲ |
| Scholarly Output | 24,697▲ | – | 114,035▲ |
| Views count (from Scopus) | 530,070 | 21,868 | 2,767,176 |
| Field-Weighted Views Impact | 1.12 | 2.21 | 1.37 |
| Citation Count | 603,853 | 23,948 | 3,467,383 |

Total co-authored publications are 504, up 4.9% for the period of 2009-2018

Co-authored Publications by Subject Area

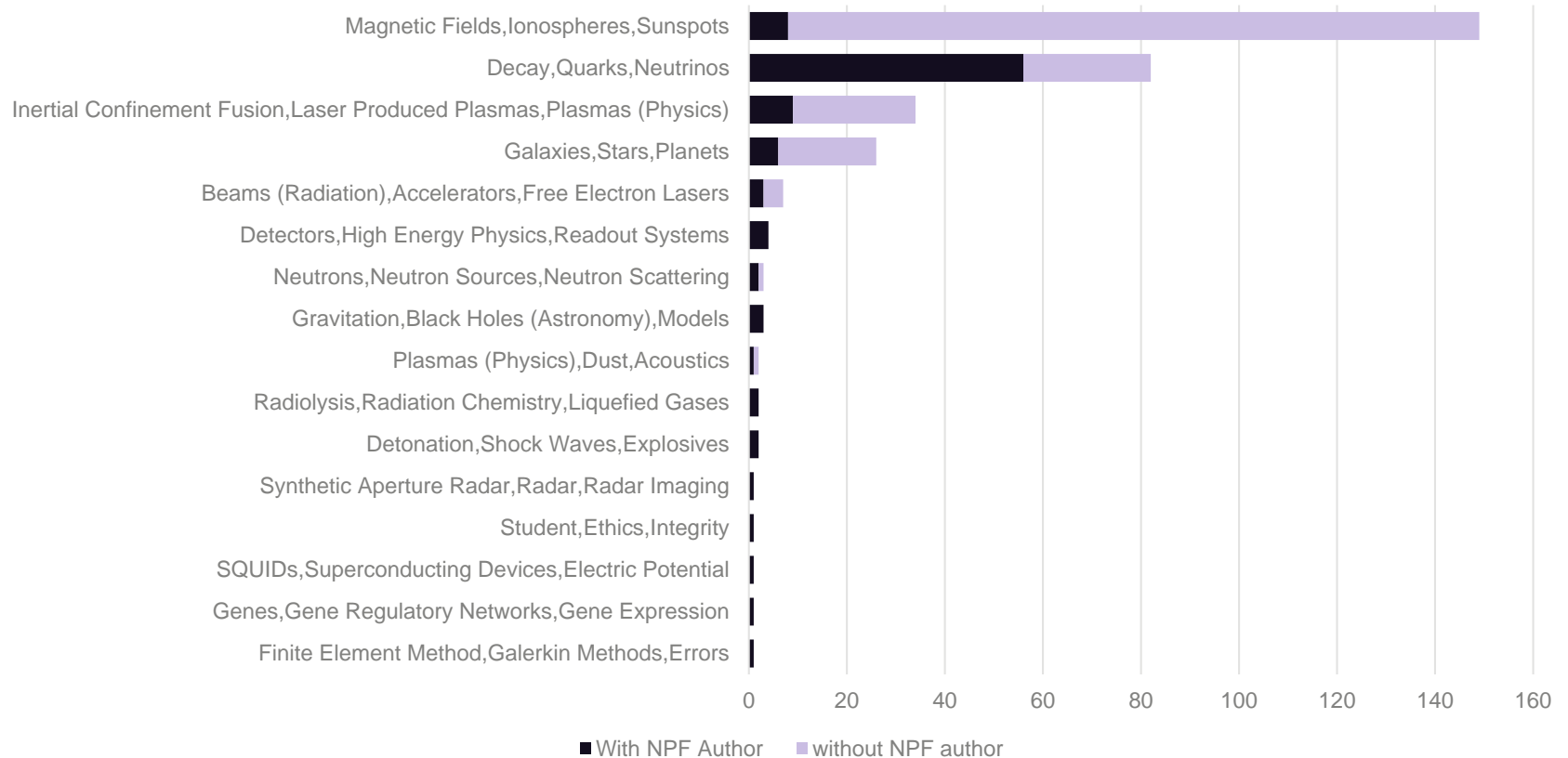


All Topic Clusters for Co-authored Publications

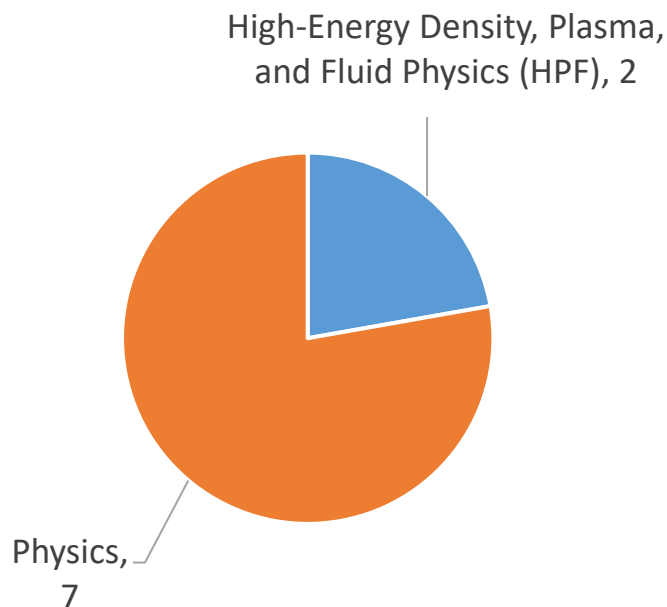


NPF Topic Clusters for Co-authored Publications

SciVal Topic Clusters in LANL/UCLA collaborations 2009-2018



LDRD Projects (UCLA Collaborators-NPF Technical Categories)



| Title | Principal Investigator | Technical Category |
|--|--------------------------|--|
| Balanced and Unbalanced Turbulent Cascades | Nadiga, Balasubramanya T | High-Energy Density, Plasma, and Fluid Physics (HPF) |
| High-Precision Spectroscopic Search for Variation of the Fine-Structure Constant | Torgerson, Justin Roald | Physics |
| Revolutionary Science at the Intersection of Extreme and Transient Events, Natural Hazards, and National Security | Dogliani, Harald Osvald | Physics |
| DREAM: A Dynamic Radiation Environment Assimilation Model to Understand Acceleration, Transport, and Losses in Natural and HANE-Produced Radiation Belts | Reeves, Geoffrey D | Physics |
| Space Weather Processes and Mechanisms | Epstein, Richard Ira | Physics |
| First Principle Study of Relativistic Beam and Plasma Physics Enabled by Enhanced Particle-In-Cell Capability | Huang, Chengkun | High-Energy Density, Plasma, and Fluid Physics (HPF) |
| Physics Beyond the Standard Model with the Long-Baseline Neutrino Experiment | Mauger, Christopher M | Physics |
| Minority carrier devices based on concentric nanowires: Theory and Experiment | Jia, Quanxi | Physics |
| Statistical Physics of Infrastructure Networks | Ben-Naim, Eli | Physics |

Co-authors by Institution (Top 10)

Los Alamos National Laboratory

+ Add to Reporting

Co-authors with the University of California at Los Angeles

| Author | Co-authored publications | Citations | |
|--|--------------------------|-----------|--|
| <input type="checkbox"/> > Reeves, Geoffrey D. | 73 | 3,033 | |
| <input type="checkbox"/> > Kunde, Gerd J. | 39 | 3,469 | |
| <input type="checkbox"/> > Henderson, Michael G. | 20 | 1,656 | |
| <input type="checkbox"/> > Ketchum, Wesley | 20 | 123 | |
| <input type="checkbox"/> > Jordanova, Vania K. | 17 | 1,325 | |
| <input type="checkbox"/> > Funsten, Herbert O. | 15 | 858 | |
| <input type="checkbox"/> > Thomsen, Michelle F. | 15 | 768 | |
| <input type="checkbox"/> > Huang, Chengkung | 14 | 88 | |
| <input type="checkbox"/> > Thompson, Joe D. | 13 | 187 | |
| <input type="checkbox"/> > Winske, Daniel | 13 | 185 | |

University of California at Los Angeles

+ Add to Reporting

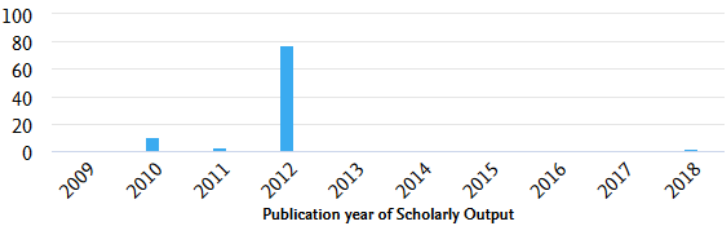
Co-authors with Los Alamos National Laboratory

| Author | Co-authored publications | Citations | |
|---|--------------------------|-----------|--|
| <input type="checkbox"/> > Plager, Charles L. | 61 | 3,739 | |
| <input type="checkbox"/> > Thorne, Richard Mansergh | 54 | 3,327 | |
| <input type="checkbox"/> > Duris, Joseph P. | 45 | 3,819 | |
| <input type="checkbox"/> > Erhan, Samim | 45 | 3,819 | |
| <input type="checkbox"/> > Farrell, C. | 45 | 3,819 | |
| <input type="checkbox"/> > Ignatenko, Maxim V. | 45 | 3,819 | |
| <input type="checkbox"/> > Jarvis, C. | 45 | 3,819 | |
| <input type="checkbox"/> > Rakness, G. L. | 45 | 3,819 | |
| <input type="checkbox"/> > Tucker, J. | 44 | 3,765 | |
| <input type="checkbox"/> > Arisaka, Katsushi | 44 | 3,468 | |

Patent Citations in Co-authored Publications

Citing-Patents Count

+ Add to Reporting Export ▾



93

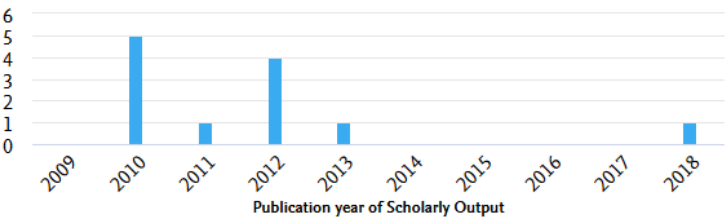
count of patents citing the Scholarly Output published in Publications co-authored by Los Alamos National Laboratory and the University of California at Los Angeles | 2009 to 2018

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Patent-Cited Scholarly Output

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12

count of Scholarly Outputs in Publications co-authored by Los Alamos National Laboratory and the University of California at Los Angeles | 2009 to 2018 that have been cited in patents

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